

NOUS41 KWBC 081843
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 07-XX
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
143 PM EST THU NOV 8 2007

TO: FAMILY OF SERVICES /FOS/ SUBSCRIBERS...NOAA WEATHER
WIRE SERVICE /NWS/ SUBSCRIBERS...EMERGENCY MANAGERS
WEATHER INFORMATION NETWORK /EMWIN/ SUBSCRIBERS...
NOAAPORT SUBSCRIBERS...OTHER NATIONAL WEATHER SERVICE
/NWS/ PARTNERS AND OTHER USERS...NWS EMPLOYEES

FROM: PAUL HIRSCHBERG
CHIEF...SCIENCE PLANS BRANCH
OFFICE OF SCIENCE AND TECHNOLOGY /OST/

SUBJECT: UPGRADE TO CLIMATE FORECAST SYSTEM: EFFECTIVE
DECEMBER 18 2007

EFFECTIVE TUESDAY DECEMBER 18 2007...AT 1200 COORDINATED
UNIVERSAL TIME /UTC/...THE NATIONAL CENTERS FOR ENVIRONMENTAL
PREDICTION /NCEP/ WILL UPGRADE THE CLIMATE FORECAST SYSTEM /CFS/.

MODELING SYSTEM CHANGES:

- UPGRADE THE LAG TIME OF THE CFS FORECAST MODEL FROM THE
CURRENT 8-DAY LAG TO A 1-DAY LAG.
- ADD TWO MEMBERS FOR A TOTAL OF FOUR MEMBERS. THE TWO NEW
MEMBERS WILL BE RUN AT THE SAME RESOLUTION AND SAME FORECAST
LENGTH.
- INCREASE THE DEPTH OF THE GLOBAL OCEAN DATA ASSIMILATION SYSTEM
/GODAS/ FROM THE CURRENT 750 METERS TO 2175 METERS.

PARALLEL DATA SETS ARE AVAILABLE ON THE NCEP FTP SERVER AT THE
LINK BELOW. NCEP ENCOURAGES USERS TO EVALUATE THE DATA SETS TO
ENSURE THEIR SYSTEMS ARE PREPARED FOR THE UPCOMING CHANGE.
/USE LOWERCASE LETTERS/

FTP://FTPPRD.NCEP.NOAA.GOV/PUB/DATA1/NCCF/COM/CFS/PARA/FORECAST.Y
YYMMDD

THE ENVIRONMENTAL MODELING CENTER HAS A PUBLIC WEB SITE WITH MORE
INFORMATION ABOUT THE CFS. /PLEASE USE LOWERCASE LETTERS/

HTTP://CFS.NCEP.NOAA.GOV

DATA DELIVERY TIMING/VOLUME/CONTENT CHANGES:

NOAAPORT DATA:

THESE DATA SETS ARE NOT AVAILABLE ON NOAAPORT.

NWS FTP SERVER: /USE LOWERCASE LETTERS EXCEPT FOR THE SL...ST
...MT AND MR/

FTP://TGFTP.NWS.NOAA.GOV/SL.US008001/ST.OPNL/MT.CFS_MR.FCST
FTP://TGFTP.NWS.NOAA.GOV/SL.US008001/ST.OPNL/MT.CFS_MR.CLIM

- NO CHANGE IS EXPECTED IN THE CONTENT DELIVERY TIME
- NO SIGNIFICANT CHANGE IN DATA VOLUMES ARE EXPECTED
- NO CHANGE IN PDS CONTENT IS EXPECTED
- NEW MEMBERS WILL BECOME AVAILABLE ON THE DAY OF IMPLEMENTATION

NCEP FTP SERVER: /USE LOWERCASE LETTERS/

FTP://FTPFRD.NCEP.NOAA.GOV/PUB/DATA1/NCCF/COM/CFS/PROD

- NO CHANGE IS EXPECTED IN THE CONTENT DELIVERY TIME
- NO SIGNIFICANT CHANGE IN DATA VOLUMES ARE EXPECTED
- NO CHANGE IN PDS CONTENT IS EXPECTED
- NEW MEMBERS WILL BECOME AVAILABLE ON THE DAY OF IMPLEMENTATION

NCEP ENCOURAGES USERS TO ENSURE THEIR DECODERS ARE FLEXIBLE AND ARE ABLE TO ADEQUATELY HANDLE CHANGES IN CONTENT ORDER... PARAMETER FIELDS CHANGING ORDER...CHANGES IN THE SCALING FACTOR COMPONENT WITHIN THE PDS OF THE GRIB FILES AND ANY VOLUME CHANGES THAT MAY BE FORTHCOMING. THESE ELEMENTS MAY CHANGE WITH FUTURE NCEP MODEL IMPLEMENTATIONS. NCEP WILL MAKE EVERY ATTEMPT TO ALERT USERS TO THESE CHANGES BEFORE IMPLEMENTATION.

FOR QUESTIONS REGARDING THE SCIENTIFIC CONTENT OF THE MODELING SYSTEM...PLEASE CONTACT:

SURANJANA SAHA
NCEP/EMC
CAMP SPRINGS MD 20746
PHONE: 301-763-8000X7236
EMAIL: SURANJANA.SAHA@NOAA.GOV

FOR QUESTIONS REGARDING THE DATAFLOW ASPECTS OF THESE DATA SETS...PLEASE CONTACT THE NCEP/NCO/PMB DATAFLOW HELP DESK EMAIL ADDRESS BELOW.

/USE LOWERCASE LETTERS FOR THE FOLLOWING PORTION OF THE EMAIL ADDRESS BELOW/: /ATAFLOW/

EMAIL: NCEP.PMB.DATAFLOW@NOAA.GOV

THIS NOTICE AND OTHER TECHNICAL IMPLEMENTATION NOTICES ARE AVAILABLE ONLINE AT /USE LOWER CASE LETTERS/:

[HTTP://WWW.NWS.NOAA.GOV/OM/NOTIF.HTM](http://WWW.NWS.NOAA.GOV/OM/NOTIF.HTM)

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